

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 775 ft. Lat: 43.9758° N Lon: 84.4908° W
Station: **GLADWIN, MI US USW00014828**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	29.2	12.7	20.9	4.1	6.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	1055.4	1117.4	1210.4	1365.4	0.0	0.0	0.6	19.4	29.7	6.0
02	32.0	12.5	22.2	4.6	6.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	916.9	972.9	1056.9	1196.9	0.0	0.0	1.0	14.6	27.3	5.1
03	42.6	20.4	31.5	4.9	4.9	4.7	3.3	2.3	1.0	0.1	0.0	0.0	731.8	792.8	884.5	1038.6	0.0	0.0	8.1	5.3	27.5	1.8
04	55.5	31.0	43.3	3.9	2.7	3.2	16.4	10.6	5.0	1.4	0.2	0.1	368.9	423.1	507.5	653.9	0.0	0.0	20.3	0.7	17.3	0.0
05	68.4	42.7	55.5	4.0	3.1	3.4	118.6	90.2	57.8	23.4	6.5	2.8	101.6	135.2	195.8	316.4	0.0	0.5	29.7	0.0	3.1	0.0
06	78.1	52.8	65.5	2.6	2.1	1.9	320.0	266.0	191.0	89.4	30.9	17.5	6.5	12.6	27.6	76.0	0.0	2.2	30.0	0.0	0.0	0.0
07	82.0	57.1	69.6	2.9	2.6	2.7	451.1	389.4	298.4	161.1	63.8	39.0	0.1	0.5	2.5	20.0	0.0	3.5	31.0	0.0	0.0	0.0
08	79.9	55.2	67.6	2.5	2.6	2.4	389.4	328.4	240.8	115.5	36.2	19.7	0.4	1.5	6.8	36.5	0.0	1.7	31.0	0.0	0.0	0.0
09	72.7	47.4	60.1	3.2	3.0	2.7	187.4	145.6	93.4	34.6	8.5	4.1	35.9	54.1	92.0	183.2	0.0	0.3	29.9	0.0	0.7	0.0
10	59.5	37.0	48.3	3.1	3.0	2.8	32.8	21.9	10.7	2.7	0.7	0.3	242.0	293.1	374.9	521.9	0.0	0.0	25.8	0.0	9.7	0.0
11	45.6	28.3	36.9	4.9	3.2	3.9	1.6	0.7	0.2	0.0	0.0	0.0	543.1	602.2	691.7	841.5	0.0	0.0	10.2	2.6	21.1	0.0
12	34.3	19.9	27.1	4.1	5.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	864.8	926.8	1019.8	1174.8	0.0	0.0	1.8	13.1	28.6	1.7
Summary	56.7	34.7	45.7	3.7	3.7	3.5	1521	1255	898	428	147	83	4867	5332	6070	7425	0.0	8.2	219.4	55.7	165.0	14.6

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)									
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount			
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels			
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75	
01	2.15	11.9	5.6	1.1	0.2	1.49	2.10	2.99	
02	1.70	8.6	4.6	1.0	0.2	1.02	1.66	2.31	
03	2.05	8.5	5.3	1.2	0.3	1.02	1.88	2.97	
04	3.53	10.8	7.3	2.4	0.9	2.41	3.40	3.89	
05	3.78	11.4	7.7	2.5	0.7	2.44	3.50	4.88	
06	3.46	10.2	7.0	2.4	0.7	2.29	2.98	4.38	
07	3.20	9.8	6.3	2.1	0.8	2.48	3.06	3.93	
08	3.39	9.4	6.4	2.2	0.9	2.56	3.32	4.03	
09	2.79	9.5	6.0	2.1	0.5	1.57	2.47	4.21	
10	3.24	11.4	7.1	2.1	0.7	2.15	3.12	4.06	
11	2.53	11.1	5.9	1.5	0.4	1.59	2.50	3.29	
12	2.20	11.0	5.8	1.2	0.2	1.54	1.98	2.83	
Summary	34.02	123.6	75.0	21.8	6.5	22.56	31.97	43.77	

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	13.80	8.3	4.8	1.7	0.6	0.1	27.1	20.5	16.3	5.0	8.00	12.50	18.80
02	11.40	6.3	3.8	1.4	0.6	0.0	25.7	20.2	13.8	5.3	7.00	11.30	13.80
03	6.70	3.5	2.4	0.9	0.3	0.1	15.4	10.3	5.2	1.6	3.10	6.00	9.80
04	2.80	1.5	1.0	0.4	0.1	0.0	2.2	0.7	0.2	0.0	0.00	2.00	4.50
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.40	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	2.80	2.4	1.5	0.4	0.1	0.0	3.9	1.4	0.4	0.0	0.10	1.60	5.40
12	10.60	6.4	4.1	1.4	0.5	0.0	16.4	11.5	7.5	2.0	4.10	7.80	13.50
Summary	48.5	28.5	17.7	6.3	2.3	0.2	90.7	64.6	43.4	13.9	22.3	41.2	65.8

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	0.9	2.9	36.6	163.3	484.0	763.4	916.0	854.0	601.6	272.5	64.9	8.0
45	0.1	0.4	16.0	85.6	338.8	613.4	760.9	698.9	453.2	159.2	25.7	2.1
50	0.0	0.1	7.4	40.6	213.4	464.0	605.8	543.9	311.7	79.0	7.5	0.3
55	0.0	0.0	3.3	16.4	118.6	320.0	451.1	389.4	187.4	32.8	1.6	0.0
60	0.0	0.0	1.0	5.0	57.8	191.0	298.4	240.8	93.4	10.7	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	0.4	2.2	32.4	123.8	302.1	480.8	597.1	548.0	370.1	162.7	39.2	3.3
Growing Degree Units (Accumulated Monthly)												
40	1	4	40	204	688	1451	2367	3221	3823	4095	4160	4168
45	0	0	16	102	441	1054	1815	2514	2967	3126	3152	3154
50	0	0	8	48	262	726	1331	1875	2187	2266	2273	2274
55	0	0	3	20	138	458	909	1299	1486	1519	1521	1521
60	0	0	1	6	64	255	553	794	887	898	898	898
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	0	3	35	159	461	942	1539	2087	2457	2620	2659	2662

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
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